

CONCEPT OF EXISTING SYSTEM

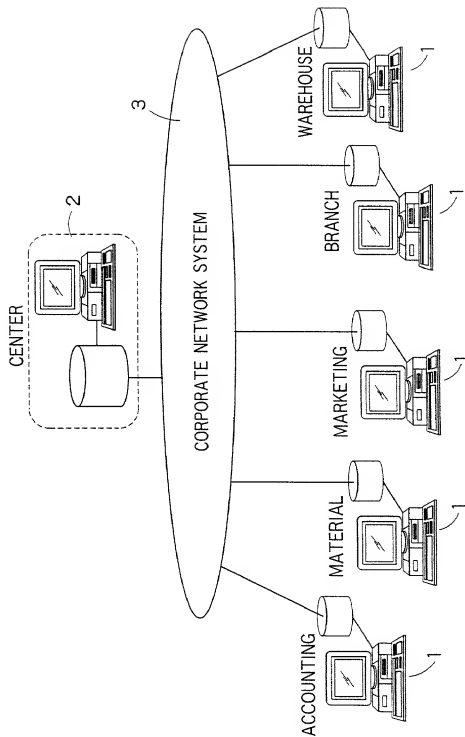


FIG. 1

TOTAL SYSTEM OF S-LABEL IT SYSTEM

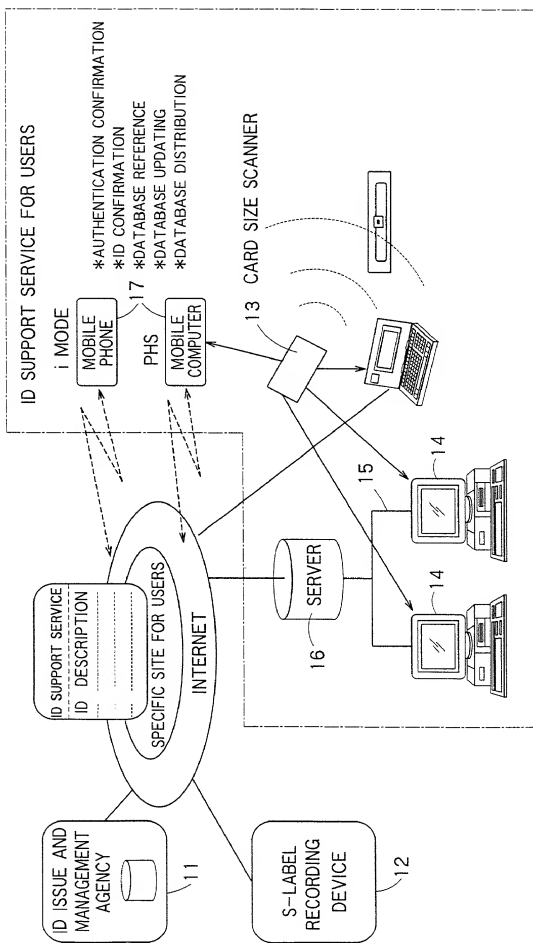


FIG. 2

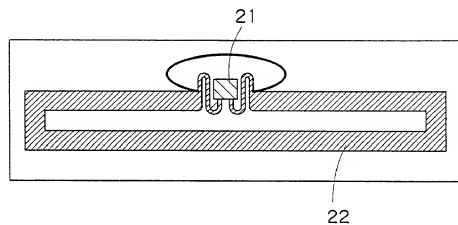


FIG. 3

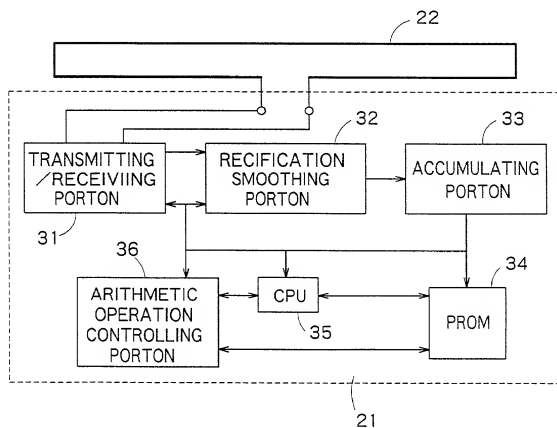


FIG. 4

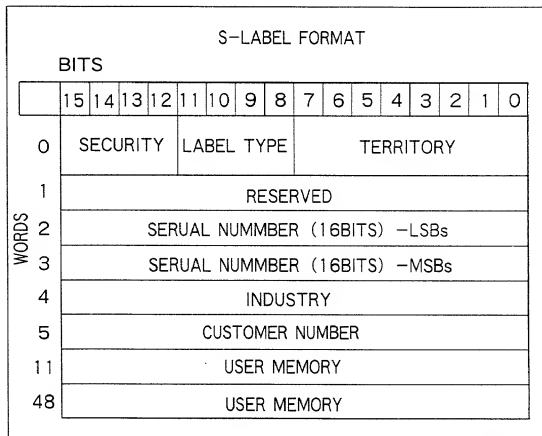


FIG. 5

S-LABEL		SCANNER	
STORAGE CAPACITY	1024 BIT	TRANSMISSION FREQUENCY	AID 2.45 GHZ
ACCESS MODE	READ / WRITE	ANTENNA POWER	300 mm
READ DISTANCE	60 ~ 100cm (REFERENCE VALUE)	OPERATING TEMPERATURE	0℃ ~ 40℃
WRITE DISTANCE	5cm (REFERENCE VALUE)	INPUT/OUTPUT TERMINAL	SMA - (×2)
PROCESSING SPEED	READING 10ms WRITING 50ms	IMPEDANCE	50
OPERATING TEMPERATURE	-20℃ ~ 65℃	DIMENSION	70 × 50 × 15mm
SAVING TEMPERATURE	-30℃ ~ 75℃	WEIGHT	APPROXIMATELY 75g
SIZE	60.2mm × 9.4mm × 0.65mm	INPUT VOLTAGE	DC + 6V ± 10%
		POWER CONSUMPTION	APPROXIMATELY 4.5W (6V, 0.7A STANDARD)

FIG. 6

ANTENNA	
ANTENNA TYPE	MICROSTRIP PATCH ANTENNA
FREQUENCY	2.45 GHZ
CONDITION	INDOOR
OPERATING TEMPERATURE	0℃ ~ 50℃
OPERATING HUMIDITY	20 ~ 80 %
WEIGHT	APPROXIMATELY 350 g
DIMENSION	STANDARD TYPE 160 × 160 × 26 mm

FIG. 7

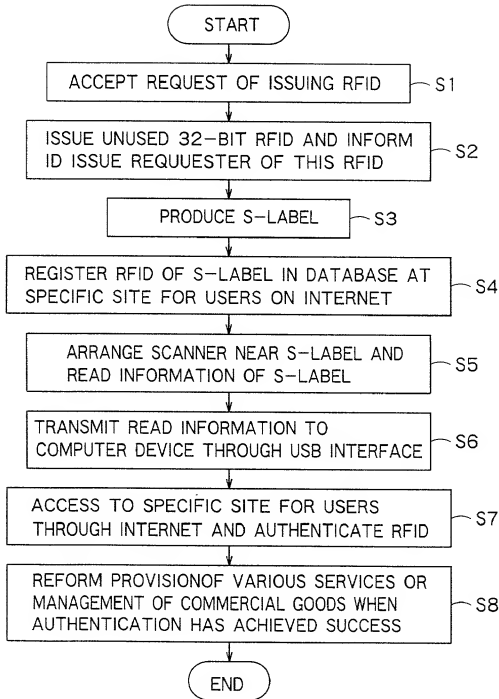


FIG. 8

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE :
ID SUPPORT SERVICE, CONCEPT I

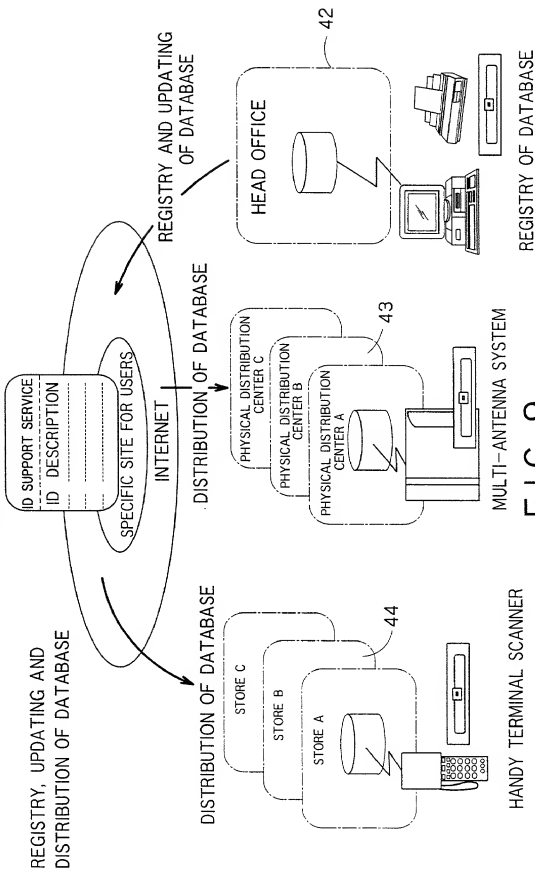


FIG. 9

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT II

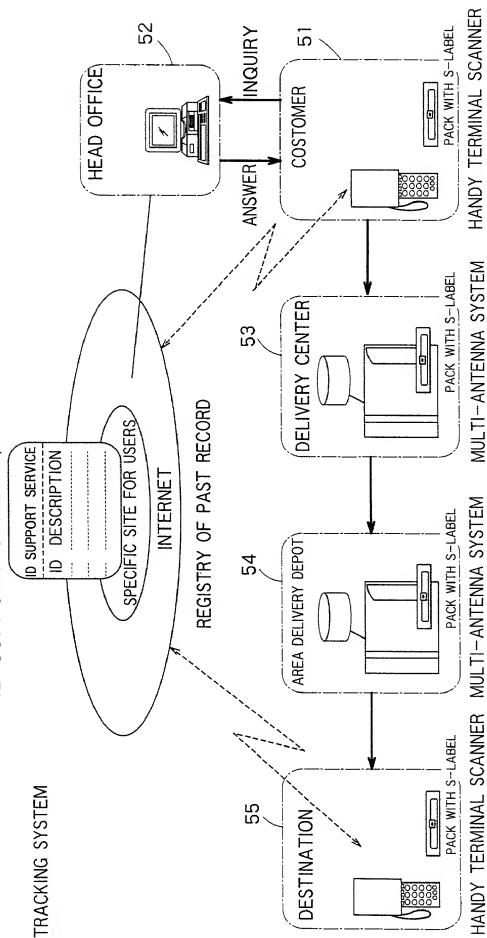


FIG. 10

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT IV

REGISTRY, REFERENCE AND
CONFIRMATION OF
WORLDWIDE ID AND DB

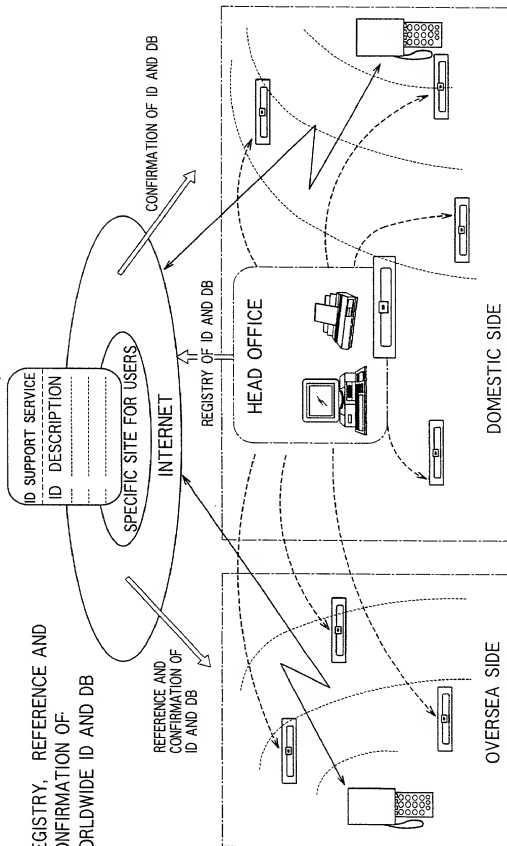


FIG. 11

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT III

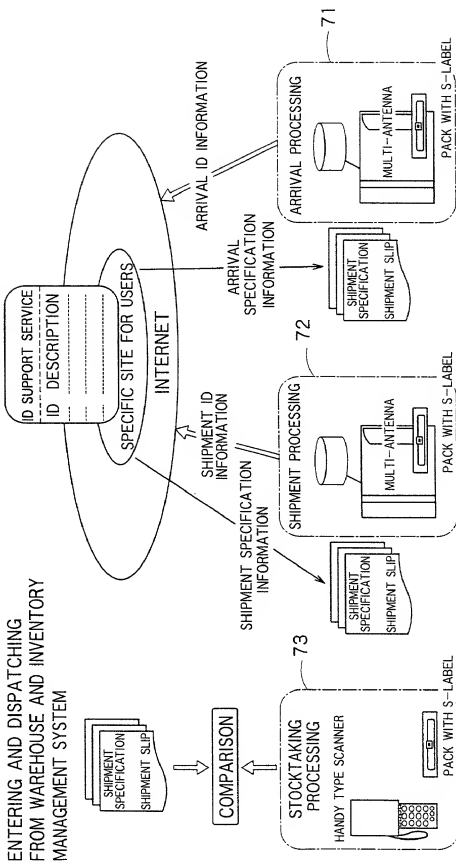


FIG. 12

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT V

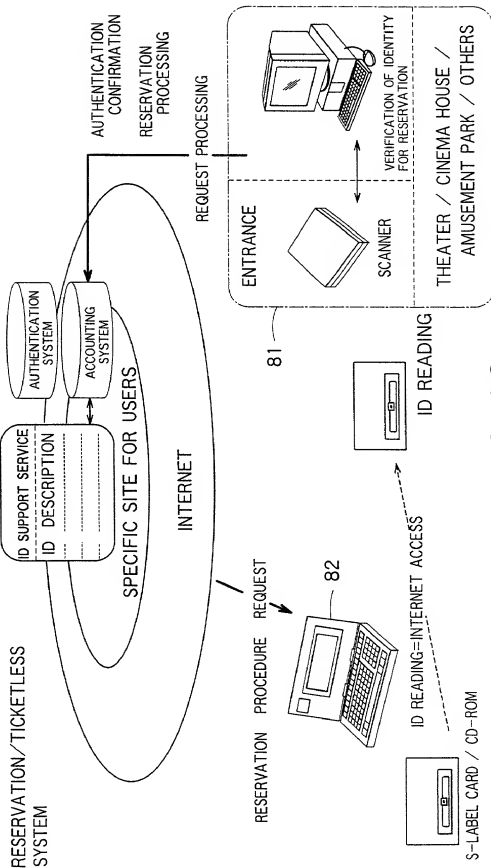


FIG. 13

S-LABEL CARD / CD-ROM

CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT VI

REAL AND FALSE COMMERCIAL GOODS/
HISTORY MANAGEMENT

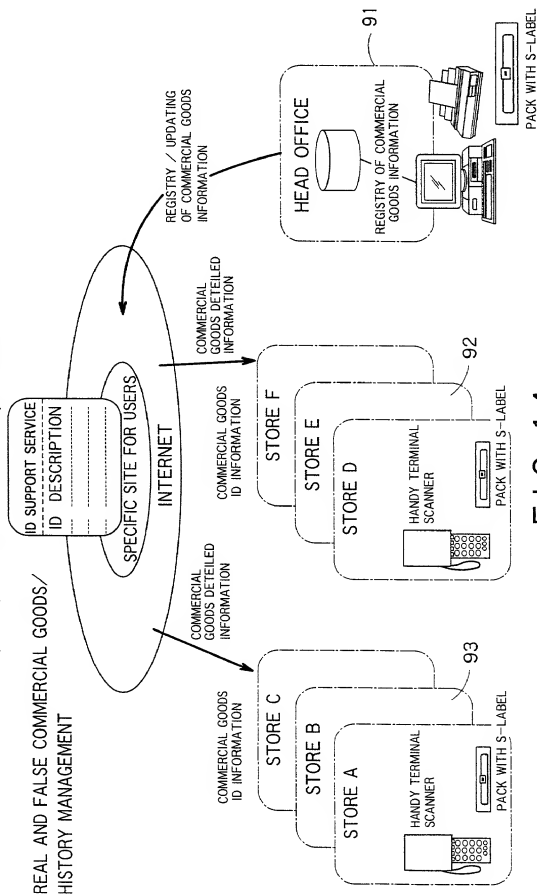


FIG. 14